A Thesis on Anasarca by Southey S. Satchell of Virginia. Philadelphia March y. # 1822

admitted March 25th 1822

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This disease consists in a preternatural col. lection of a serous or watery fluid in the common cellular tipue of the body, I is usual by attributed to a restruction of that just equilibrium between exhalation & absorption which exists in a healthy entition of the system. This want of harmony mentralization in these two functions, exhalation dalsorption, may arise either from an increase of the former or a diminution of the latter. and It seems in a large majority of cases to originate from an augmenter offición. But it would appear that increased exhalation of riminished absorption have their causes, = which may, very probably be found in an attered Heavito action of the bloodvepaleor in a highly rebilitates & eacheetic state of the system of these should be regarded as "the ultimate of fundamental causes of anasan can any other species of oropay.

irenlas the lane miegue in delinium between whaten the weeter 19 1in manuals from an selection to chillien, but me tir heli week now, you havened to seem in an in for I live straits when I the hardender hours. the Body Jear Lu

anasarea is induced by whetever imperes the circulation of the blood, as tumours comprepies the lever blowvelels of congestions or obstartet one of some of the aborninal viscera, or it is consequent to a great variety of other diseases, which greatly impair the Integrity of the constitution; which as intermittent gener, gout, jaunice, sysentery, wheumatism, asthma, pulmonery insumption, pneumonia, rearlatines eryphelas 4. It first how itself by a welling of the feet and ankles totals evening, which for some time disappears again in the morning. The tumefaction is soft I unclastic I when hicker whom by the linear, relains its imprelsin for a while, the okin becoming much halon than natural. The ewelling granually extense whereards I occupies the lego, thighs I trunk of the boy tat last even the face develies on hear full & bloater. The disease cottinuing to

Downer, effected of worker the water for water for the orthogen of the orthoge

quick de emacration vinelo da a ma casas water this intenes, this transit

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advance, the cellular tipue of the lungs becomes affected & officion taking place into the different cevities of the body, we have a universal proper. Here the replication is difficult and Springes of is seeinhanced by a cough of an expectination of a water Plus. In this stage, the bowels are entifate, the wine is reanty thigh colours Es, the okin is hot I'm, the pershiration being much obstructes, the pulse is feeble, small, quick I cores of these is more only thirts, emeration de callor complexion. compos hear vinely & a slow, insistenet lever supervine. In some cases the invisinate distention, forces the water through the hors of the skin I in other instances, the cutie's being dence detrong, prevents this transuration of is clavates into blisters, which ultimately terminate in gangrene & mortification Sometimes from the great distention, the skin is so much hardenes, as to give the ovelling a considerable degree of firmnep.

The Visca willy cur meral de > reasin In the ations er 1 the reer to change yetem, p acites of erterial ete the of the energy in all of

The Viscose is more manageable, when recent than when of love standing. It is also more easily cures, when originating from topical or general rebility, than when it is accompanies or occasioned by viscenal derangement. In the treatment of this risease, two invision cations are to be fulfiller. First, the evacuation I the recumulates fluid. Seemely, we endeavour to change or remove the morbid condition of the system, producing the disease. I shall first treat of anasarea connected with a febrile or excites state of the system. The action of the arterial & absorbert or stems being in an inverse ratio to each other, whenever we wish to invigo rate the sheration of the latter, we should intrue the energy of the former, by the various deplete. my measures. The everentian most effectual in racing action, is venescetion of this in the present case of dropey is indishinsably necepary, but as in all other cases of disease, we houte resort to

na inte ne as in Sumo De Leter a c Lontaner best proje

it with great circumspection I adve regard to the existing courtion of the system. The pulse in the early stage of fabrile anavarea, is hard, tence and cores of the blood when mawn is invariably found to manifest inflammatory action by its sizinep. To the symptoms already enumerates torque & farrer, greet thirst of others which are characteristical of a fabrile condition. So long as such symptoms prevail, it will be necepary to expeat vinesation o sometimes a Animo detraction of blood will be required. Chions bloodetting has in some cases alone of feeter a cure of the same has been done by a shortaneous hemorhapy. But this vigorous treatment is only suited to cases unequirocally inflammatory. There are many cases in which mly moderate bleeding is required I meny others where we cannot blees at all, without manifast projusies. Hence by an insiseriminate

sibility of ametimes :

use of this evacuation, we man to more injury then by entirely neglecting it! Beside bloodletting, we must resort to other evacuants. Emeties were at me time much used, from an impression that they howerfully bromtes absorbtion, which they most unsoult coly Aten do; but they have lost much of their former reputation d'are now rarely uses. They are sometimes necessary to evacuate the Homach -When loaves & phropes with sorters. They are beneficial when the risease is connected with intermittent fever, as when it occurs in mig asmatic countries. When great topo dinsenribility of system exist, they often perate usefully by restoring a susceptibility to the imprepion of other remedie. active emesis has sometimes Ine good, when the viscose depended on engetion or distruction of the biliery mets from speem or calcula. do so good it is often necessary

to repeat them frequently I when the whole emetics

exe most a among to en of the a ne acer o or effec family ex the ocease to the inte ment, as the absorb the Ither It was & Alexagogu artia-in aly frof Theel of no fever Jurgatives a hartier Acresm of

are most useful when given a nauseants. among the most important semesies in the cure of this disease, are purgatives. They dove alone accomplished cures. They provice their good effect by obvicting costivenes, which so une formly exists in this Viseace of by counter-instation thus oceasioning a transposition of the morbis action to the intestines, I by resneing the arterial exects ment, as a consequence, invignate the power of the absorbent. But there is a choice in purpos times I they hard not be insiseriminately uses. It was formery the fashion to use the Freste higoragogue cetharties; there however are obvious contra-inducates in the present instance, being only proper in ols & protractes cases, where the stomach I bowels are torpie, the habit phlagmatic I no fever or viscenel obstruction exists. The seline hungatives are decidedly preferable in this case I harticularly the teatrales. "A combination of jalax I cream of tarter, in the proportions of x gr. of the

firt, to 1 thertie & te-very Been o other Day on the his There recurre to this aports 2 Stale 7 vry The wems to 1-usine anto be a tiele is a ministr Angele 1 Jogné ce n Awa first, to 3/1 in 3/1 of the last, entitute the best extraction this brein case. It affects on of to very prompted to attending, it were corns the riverse. It while be given over my ne bony other my, so as to notion it content important

in the System.

There measure proving abortive, we must have recover to the use of the state of the best of the best of this afterness of articles in fabrille raper, i and million the creem of tester. This well imition very special replaced overlings it - seems to so this by a combine specialing it is seems to so this by a combine specialing at measure of forms of the interfere of this interfere of the interfere of the state is meteorally influence by the most of article is meteorally influence by the most of another test, being exclusively surreture when lengtly illusted of specialing as a proverful himself your extraction, when given with a mall have your extraction, when given with a mall how of water or in the form of an electury, either

elier in wil to eva Junel La hours of t the two, the i siven in met appro gestie John ongt comm in which es much new Ferenmen not by ne a poinful ing its mon fatus imp system, the retural en

alone or in conjunction with some other hungative. The latter more is preferable when we wish to evacuate large collections of water. much has been sais of the atite-hypospie howers of the regetable & mineral alkalies of of the two, the first is receivedly to be preferred. This is given in the form of the out-carbonate of is most appropriate to caus attend with great gastrie representin. This consistion of stometh is most commonly found in Frunkiers & Debaucher in which case an acid is frequently evolves, pro meing a accompanying, various distriping gartine derangoments. It probably is this instance ope rate by neutralizing the evolves ares I be meding a poverful impression on the stomach, subvert ing its morbid emotion, invigorating its function I there importing health of one to the general system, through the medium of symbathy, the natural emequence of which must be an in =

war riel At be its in the one a is & the bite Is There ex to be merce Estrenethens ut has been to a to be in the acids Mt. The a he h gapete A religione Ette A it h a clubbe to patitioners, er am A tar must, a c tester or orlu Meharation

creases discharge of wine to restration of health But be its mous sperani what it may it virtues are greatly enhances, by a combination with the bitter tonie, as quapie, gentien, columbe, to. Thus exhibites, its rimited forvers are said to be increased of it removes the runsers stomach I strengthers the whole habit. Indivithatering what has been said, the alkali must be acknowtesged to be inferiour to some of its combinations with the airs, forming what are called neutral salts. The aret. potago was at one time in so high repute, as to obtain the emphatical name of sal directions; but it has some forfertes no little of its primitive reputation. The text fet. or soluble taster, is highly commended by many practitioners, I by some is even prefetires to the cream of taster. The common valine or neutral marght, a combination of the carb. fit. Lercams tester or soluble tester, are sometimes useful preparations.

The nit. my retire Aprile ener from Ste a riluter. my probab of virtues with tart. welitutine from. Martieula A also pop unnit an atile, not a four time Mueble ? The nit potepo i eminently suits to infinite of high or inflammatory action. This is not a new section investigation, but it product it there is before sections the stomest, it should be large by related, or "if it is a guart of water, which hay perfectly be taken in twenty form hours of movine are improved by least combines with last emet. I a made probe of calones with last emet. I a made probe of calones forward the well known mitimes or antimorie forward.

The opinion atters withou is a mile dissection of heartenlarly applicable to the case of children It also peoples submiture powers. But we commit an emouse it along omall me of the written at left than 3p should be given those or four time runne the lay. The fellowing is a refuse time runne the lay. The fellowing is a refuseble risection, Do. It. attain not by

Vin. lat. -- XXX gtto. Tinet. Jii -- XXV gtto. ag. Font. -- If Muft.

Paroley 1 ery doub It may be Meries Al achibites " 'actively of n rentract, four hour.

Parsley is often a mits & effectual viente. It is even said to have cured orpay, after many = other remeries has failes. It is fashionable to combine watermelon seeds with it, but it is very roubtful whether these increase its officery It may be taken copiously in the form of a tea or infusion of is not alt to nauseate the stomach. like more other articles. A meretion of seabies, a species of liehen, is constructly praises of shorts be exhibites as espionsly as the stomach can bear. The hypola umbelleta is highly finized by many V eminent physicians of it popular a combination -

of the sinste stonic propertie. It often Gentle "actively of may be given in the form of an infusion or entract, in the quantity of me fint of the first a 3j. of the letter riphose in water, in twenty

the interest of the street notterly , rigitalis à ineture or alimentary usual or the general system, the matter progration must be used with the view of new interficient the romant transpect of the yet their mentalished a sureptibility to the personant or other uniter below matter to a general with any of the magnitude matter is generally element. I sure three reasons of shorts be combined, as they are thus some more efficient.

On this case certain similes are also important. If the clip of article, none have been more larishly actalled than rigitalis I it is mo mostledy often useful if properly as municities. I long a planiel in offenmentals symptome exist rigitalis is either megation or attractly michievers. But when the pulse if feells, the constensive fall of the surface cos, it would have to so feel. It may give in the form of impairing tentius or having the test is probably the best. There is he have notherwiselly present by or who

I me other in the rose of The times At A all the most en u four n It shouts Estrie une tota, is to j. o. A cale they in twee wike, 10 21 of great to ninties . b: my ensider unt of zig

I some other physicians, but it has lost a large hotion of its primitive reputation. It is given in the rose of XX or XXX of the infusion, two or three times in the day. But of all the direction the villa maritima is the most enshieurs. This is inamifible so long as fever or inflammator exertement continues. It shouts be so given, as to inque a very slight gastrie uncesines I even this does not seem to be absolutely necessary. The usual more of adminis tration, is to combine 7. or 7. gn of the equill, with i. gr. A calonel, which is to be taken two or three times in twenty four hours of entinues for several weeks, so as to inque a moserate valivation. If great rebility otopa of system prevail, it will be requisite to neur to the most stimulating nurative. Cantharies in this case often righlay very ensimable riverty of feets, if given to the extent of 79. 79. a yet in liverty four hours. But

I they be Although Minity to The hot tate of the if they be given in minute roses or in an offer lite consistent of system, they either so no good or

Although the of terepinthine he is stronger affinity to the uniners rooms not it me hat know to be the thought in whom. It had be given in the who I to give in a larger room to time a ray. It be given in a larger room to person to the a a person to the it invite effect is whether

The polygels energy has been very levisly leaves by some very eminent physicions, but it seems never to have toleined the inference. If the probetion at lease of it has now lost much of the fame. Neverthely from it wise previous stimulant nature, it would seem to be a somety intitle to me little regard in our of universal refres, ensured with an atomic state of the system. Its anti-positive written is often much improve by a combination with

whomely! en into The fest - the doze riginating now of then our imet

calonely in the proportions of vij to x gn of the power of the former to p. it i gr. of the letter, man into a full Haken two or three times a

The politicum autemnale oustains an elevates character among some of the mexical men of the continent of bushe, yet it appears to be low by estimates by the British & american physicians. It may be given in the form of the oy = rup or oxymel, in the quantities of zj. twice in thrice a day I the vinous tincture may be tried in the doze of a teaspoonful.

The alliace are exhetimes useful, of which the garlie is best. It is most beneficial in cases originating from drunkenness, where the stomach is much Sepraves. Musters & horse raish are now of their good. As the volatile tineture of quaiacum sometimes proves eminently diuretie in assites would it not be equally efficient in the present instance? Sarsaparilla breasimally acts as a =

I write. Ashinable with no tis to were gen nich as as Atmetin. 11 hebles o himedel Ala prin u trifuga internal A los & relies Athe circu new repe in these cas Awater, an n inercasa ed orbente .

Juratie. Diephoraties were at me time very fashionable in motion of they have often been used with no tittle advantage. They are best asapte to cases generates by the intermittent fever of to such as are kept up by viscosal ingestion or obstruction, when the pulse is usually small, tener I ender, the chin my, the body greatly emericted I ther symptom wiceture of a highly mobiled infeebled invition of uptern exist. Here the blood has received from the extremes of the body tis confines principally to the great viscera. By their centrifugal operation, they divert action from the internal parts to the superficies of the bory, unloss of relieve the viscera, restore the equilibrium of the circulation, invigorate the action of the cute never repels, whose functions are so much impained in these cases of this prevent a further effusion of water, and as the viscese most commonly repenies on increased exhelation, by Vininishing this, the absorbents will probably be enabled to remove the

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fluis already accumulates. They also teno to remove the torpor attendent on this case of orders of thus execte a ourceptibility to other remedial imprepions. The external mesons for inducing diaphonois are often very useful. The vapour bath has even been supposed to have corred the viscour. Warm air has been thought good in this case. Friction with warm flannel or stimulating oulstences is useful, perticularly in thread orper tial affections. Uso a stimulating pesilusium or general bath. Although the external riaphoretic will often be useful, yet the Dover's however is to be preferred. It is indomipible volong as febrile excitement exist. most assantageon in cases brought on by the intermittent fever. Thirm alove has been warmly praised by some I to so good, it houls be exhibited largely but it is probable that it rose not ment much attention If lete the expatorium perfoliatum has been recom-

menced in this vices of it seems but mites to care

position (yette & h Deme inde Uninisher a Awerfully in explicable Whey. Me wite, it is nul est Besides to nuelpany, on novit to be on this fo ex best. 1 a enjoipel

occurring in miametic region, where the combined peration of tonics drighthouter is remarded.

Mercury is not so beneficial in craseria is in asserts of higherenthrain. But when the first is promised or high trip with the process of the surprise which is a to instead to market as a to continue the assert the further. It is gradly inefficient to inflammating or leverybligants! wife, it is highly promised, being near hostel to make writing to in highly permised, being near hostel to make writing of graytem. It is most appropriate to case of more than I region to care of more than the propriate to case of more than provinced or builtailing critical action being provinced or butter.

Preside their agreed sensies, it foregreath been meeting, or account of the pice hill retailing to ment to break a break water. On the purpose unions on president free water and best. We have and one investing a need purpose with the continue of the purpose with the

att to foll A fromtes worth enous Alannel mot Aut 10 as A muero An Blite Al in the ales been u the but the with much 4 much 7 ection. u sition of the Alla ly bo meese is in has nother to dive oil

aft to follow such an frustion. The nichery may be promoted by some emellect foundation. I gangered a factor that the philitation for flowned order, both above I below the gargerian fact, so at higher the temps of the lamb. The fundament of the fundament of the fundament of the fundament of the manner. They have also been used for the purpose of executing the wanter that they are very called the wanter that they are very continued to their to wanter the their three courses, they are health to cause monthing or much relating, as they are health to cause months extend

The seems in return to change a summer the modes worther of the signing, promising the risesee, may be fullfilter by lottle general of level somewise. When the viscous is in some regard lovel, frither with the my hard on the flesh small or it it be preferred, a lite the clies all or spirite, will be welled. I have you on level stephing pretty friendly affiled of reshing—

1 & water or ill be for Aureise is extento nue. oh Arrebilites uza. At Ithe settlement, you entire tivo with writin 1 nethetions, 7 st has in putty copie thus rem est water on the extensities twice a thrive a vary will be found under. The ground ambiguous the conversations the conversation of the three the grounds as exacted to intermediate. It has some curs the present to ground the sold be underly if the rebility be not too great to best will be underly if the rebility be not too great to be not. If there is a great to forten of the viscous, a combination of tours or bottom of the viscous, a combination of tours or bottom of the viscous, a

Pregineer. The rich horts very according to the that system. If there he a fabril middlement, the third house he want philosophile it come where attended he wanted may have been at tender with a past arounteer. I not in the light of material he again, the sixt horts he light of materials as easy, within it. I made attach to materials as easy, within it. I made attach to materials as easy, within the series. Drinks taken - pointly of juncture, the cut as however to manufacture the research survey to the some he was sometimes to the order to the some he was sometimes to the some the survey.

The shorts a graenter, or antobe is n. What is satable a dister to. Ames is us while tie. se very a and water Sinh here to whole, the fromthe atiles.

increased by their use of other symptoms be amended, they should be continued. But if the wine be not augmentes, nor the other symptoms melinetes, they Shorts be immeriately recontinued. Simple water n what is better, water impregnates with the regitable acido, as lemonar, cises I water, vinegar Swater to may be used. An infusion of juniper = bernies is nowful. On infusion of green fine the useful di smatimes a good vivistie. Watermelore are very good. When there is greet along, week gind water or whishey duster, may be used. These Torinho have cometimes alone expected curse dupon the whole, water may be regarded as the most useful defficient Similie, as it is necessary to the frontin of the sinsetie speration of all other

A come sint Alle there are a cost charmens